

REMARKS

Claims 1-18 are pending in the application. By this paper, claims 1-3, 5-10, 12, 13, 17 and 18 have been amended and new claims 19- 38 have been added. Reconsideration and allowance of the application in light of the amendments and arguments herein are respectfully requested.

Rejection under 35 U.S.C. § 102

Claims 1-18 stand rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. patent number 4,340,905 to Balding ("Balding"). Reconsideration of this rejection is respectfully requested.

The present invention relates generally to an apparatus for rendering an image. The apparatus features a print preview mechanism. The apparatus has an input port for receiving image data. A print preview projection mechanism (PPPM) converts the received image data into displayable image data. The displayable image data is used to display an image for preview before printing.

The apparatus has particular application in the area of printing digital photos which originate from different sources. These sources include files on a computer disk, portable devices such as laptop computers, personal digital assistants, hand-held computers and digital cameras and even cellular telephones. To simplify the process of printing an image of a digital photo on such a device, the presently claimed apparatus provides a printer with a display mechanism. The apparatus can receive the data defining the image from a variety of data sources, produce an image for viewing and render the image on a medium such as paper.

Independent claims 1 and 13 have been amended. These claims have been amended to recite that the input port receives binary image data which define an image to be rendered. No new matter is added by this amendment which finds support throughout the original specification, including for example at pages 9 and 10. The received binary image data is converted by the PPPM into displayable image data which is used for viewing an image by a user.

In contrast, Balding relates to a device in which a photograph may be mounted and a video image is produced of the photograph. Specifically, a color film negative is placed in a film preview receptacle 14 (column 2, lines 41-43). The film negative is scanned to generate red, green and blue video signals (column 2, lines 48-64). The video signals are then modified in amplifiers and a video computer (column 3, lines 14-36). The video computer provides the modified red, green and blue video signals to a monitor for display.

Thus, Balding fails to disclose receiving binary image data which defines an image to be rendered, as recited by amended claims 1 and 13. Further, Balding fails to show converting the received image data into corresponding displayable image data, as further recited by independent claims 1 and 13. Accordingly, it is submitted that the invention defined by claims 1 and 13 is not anticipated by Balding and this invention is allowable over this reference. Claims 2-12 are dependent from claim 1; claims 14-18 are dependent from claim 13. The dependent claims are allowable at least for the same reasons.

It is further submitted that the invention defined by claims 1 and 13 is not obvious in light of Balding. Balding is directed to reproduction of an already-existing photograph, not an apparatus which may render an image from received data after projecting an image from displayable image data on a view. Balding's device generates video signals from the photographic negative and does not receive binary image data defining an image to be rendered. There is no suggestion in Balding that binary image data defining an image could be received by the disclosed device, or that the received data could be converted to displayable image data. Rather than converting, Balding merely modifies the video signals in amplifiers and a video computer, and uses the modified signals to drive a TV monitor. Balding does not provide any suggestion to modify the disclosed device to produce the invention of claims 1 and 13.

Additional claim amendments

Claims 2-3, 5-10, 12, 17 and 18 have been amended to better define the subject matter defined by these claims and to make these claims consistent with amended claims 1 and 13. No new matter is added by these amendments.

New claims 19 through 38 have been added to more fully claim the subject matter disclosed in the present application. No new matter is added by any of these amendments which

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find support throughout the application as filed. Consideration and allowance of claims 19-38 is respectfully requested.

With this response, the application is believed to be in condition for allowance. Should the examiner deem a telephone conference to be of assistance in advancing the application to allowance, the examiner is invited to call the undersigned attorney at the telephone number below.

Respectfully submitted,



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